

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional Application of:)
Mitsuru SEKIGUCHI) Art Unit Group: 2813
Based on US Serial No. 09/931,190) Examiner: Duy Vu Nguyen Deo
Which Was Filed: August 17, 2001) Confirmation No.: 1378
For: SEMICONDUCTOR DEVICE AND)
MANUFACTURING METHOD OF THE SAME) Date: June 23, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

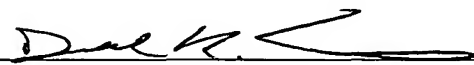
Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98. All the references cited on the PTO-1449 Form were filed in the parent application Serial No.: 09/931,190 filed August 17, 2001.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: 
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	June 23, 2003
				First Named Inventor	Mitsuru SEKIGUCHI
				Art Unit	2813
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	740819-1014

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-6,181,012 B1	01/30/2001	Edelstein et al	
		US-6,242,808 B1	06/05/2001	Shimizu et al	
		US-6,123,825	09/26/2000	Uzoh et al	
		US-6,130,156	10/10/2000	Havemann et al	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 02-114639 A	04/26/1990	Seiichi		W/Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		P.J. Ding et al., "Oxidation resistant high conductivity copper films", Appl. Phys. Lett. 64, No. 21, pp. 2897-2899, May 23, 1994	
		C Ryu et al., "Effect of Texture on the Electromigration of CVD Copper", IEEE, pp. 201-205, 1997	
		M. Hasunuma et al., "Copper Reflow Process With Redox Cycle Reaction", The 42 nd Spring Meeting of the Japan Society of Applied Physics, No. 2, p. 810, 30a-K-6, March 1995, with English Translation	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.